

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 7/22/1941
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Acute Myeloid Leukemia Panel by FISH

ARUP test code 2011132

FISH AML Panel

See Note (Ref Interval: Normal)

Specimen Received
Specimen Type: Bone Marrow
Reason for Referral: Acute Leukemia of Unspecified Cell Type
Test Performed: FISH, AML

NORMAL FISH RESULT
3q21.3q26.2 (RPN1/MECOM): translocation or inversion not detected
5q31 (EGR1): deletion not detected
7cen (D7Z1), 7q31 (D7S486): deletion / monosomy not detected
t(8;21)(q22;q22) (RUNX1T1;RUNX1): translocation not detected
11q23 (KMT2A; also known as MLL): rearrangement not detected
16q22 (CBFB): rearrangement not detected

DIAGNOSTIC IMPRESSION:
Fluorescence in situ hybridization (FISH) analysis was performed with the RPN1/MECOM, EGR1, D7Z1, D7S486, RUNX1/RUNX1T1 (also known as AML1/ETO), KMT2A (MLL), and CBFB probes (Abbott Molecular). 200 interphase cells were scored for each probe combination.

This analysis showed normal results with no evidence of 3q21.3q26.2 translocation or inversion, deletion 5q31, monosomy 7, deletion 7q31, RUNX1T1-RUNX1 translocation, KMT2A rearrangement, or CBFB rearrangement.

ISCN:
nuc
ish(RPN1,MECOM,EGR1,D7Z1,D7S486,RUNX1T1,KMT2A,CBFB,RUNX1)x2[200]

This result has been reviewed and approved by [REDACTED], Ph.D., FACMG

INTERPRETIVE INFORMATION: AML Panel by FISH

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

EER AML Panel by FISH

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

| Procedure | Accession | Collected | Received | Verified/Reported |
|-----------------------|---------------|----------------------|-----------------------|----------------------|
| FISH AML Panel | 20-105-112089 | 4/14/2020 4:03:00 PM | 4/15/2020 12:22:21 PM | 4/20/2020 4:56:00 PM |
| EER AML Panel by FISH | 20-105-112089 | 4/14/2020 4:03:00 PM | 4/15/2020 12:22:21 PM | 4/20/2020 4:56:00 PM |

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 20-105-112089
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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